

From ddillman at igc.org Sun May 3 15:42:14 2015
From: ddillman at igc.org (Richard Dillman)
Date: Sun, 3 May 2015 12:42:14 -0700 (GMT-07:00)
Subject: [BoatAnchors] MRHS Offers Radiotelegraph Exams
Message-ID: <14010991.1430682134563.JavaMail.root@elwamui-mouette.atl.sa.earthlink.net>

MRHS Offers Radiotelegraph Exams!

The Maritime Radio Historical Society is now authorized to administer the examination for the commercial radiotelegraph license. Yes, the FCC still issues this ticket! When you take your exam with us you can visit to the KSM transmit and receive sites - and when you pass you can immediately exercise the privileges of your license by sitting the circuit at KSM. We'll even endorse your license with our special stamp certifying that you're a qualified commercial radiotelegraph operator.

We also offer exams for:

General Radiotelephone Operator License (GROL)
GMDSS Operator (full and restricted) Licenses
GMDSS Maintainer License
GMDSS Operator/Maintainer License
Ship Radar Endorsement
Marine Radio Operator Permit

We've set up a special Web page with all the information including dates, times, locations, costs and contact information.

<http://members.aceweb.com/royh>

RD

=====
Richard Dillman, T2-GB-061170
Chief Operator, Coast Station KSM
Maritime Radio Historical Society
<http://www.radiomarine.org>
=====

From arc5 at ix.netcom.com Sun May 3 19:14:36 2015
From: arc5 at ix.netcom.com (=?utf-8?B?YXJjNUBpeC5uZXRjb20uY29t?=
Date: Sun, 3 May 2015 23:14:36 GMT
Subject: [BoatAnchors] MRHS Offers Radiotelegraph Exams
Message-ID: <000f4242.2ce495263082a54a@ix.netcom.com>

Richard do you really have to have the "pass" paperwork from a 20 WPM Extra exam taken in the 1970s? The FCC surely has records. That paper is dust long ago. Thanks.

Sent from my LG G Vista, an AT&T 4G LTE smartphone

From arc5 at ix.netcom.com Fri May 8 12:03:15 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Fri, 8 May 2015 11:03:15 -0500
Subject: [BoatAnchors] Drying Out an Open Frame, Large Power Transformer.
Message-ID: <97A74E5867F9426F9F9F34179AC510E1@DaddyPC>

This has probably been discussed before,
but I can't find the threads.

I have a large open-frame power transformer removed
from a transmitter stored in a damp basement for years.

People who store radios in damp basements
should be moderately tortured.... slowly....

I'd like to dry it out and test it before reinstalling it.
I've heard of a box with a heat lamp, putting 4 or 5 volts
on the primary and shorting all the secondaries to gently
heat it up from inside, etc.

What are the recommendations for this?

From dave at horsfall.org Fri May 8 13:13:15 2015
From: dave at horsfall.org (Dave Horsfall)
Date: Sat, 9 May 2015 03:13:15 +1000 (EST)
Subject: [BoatAnchors] Drying Out an Open Frame, Large Power Transformer.
In-Reply-To: <97A74E5867F9426F9F9F34179AC510E1@DaddyPC>
References: <97A74E5867F9426F9F9F34179AC510E1@DaddyPC>
Message-ID: <alpine.BSF.2.11.1505090258040.58219@aneurin.horsfall.org>

On Fri, 8 May 2015, David Stinson via BoatAnchors wrote:

> I have a large open-frame power transformer removed from a transmitter
> stored in a damp basement for years. People who store radios in damp
> basements should be moderately tortured.... slowly....

Agreed.

> I'd like to dry it out and test it before reinstalling it. I've heard of
> a box with a heat lamp, putting 4 or 5 volts on the primary and shorting
> all the secondaries to gently heat it up from inside, etc. What are the
> recommendations for this?

My favourite method of drying out drowned mobile phones[*] for example is to stick them on top of the water heater for a day or so. As you point out, the operative phrase is "gentle heat."

[*]

OK, since you ask... 'Twas in a previous life, when I got a bit of a reputation around the office for being an electronics whiz. This bird dropped her mobile phone down the dunny (before, she stressed, not after), and asked Yours Truly to fix it. I stripped it right down, dried it upon the aforesaid heater, and returned it a couple of days later (I have no idea how she survived without her phone in the meantime).

Then she did it again, so this time I returned her phone inside a condom; point was taken.

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."
<http://www.horsfall.org/spam.html> (and check the home page whilst you're there)

From wb3fau55 at neo.rr.com Fri May 8 14:22:25 2015
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)
Date: Fri, 8 May 2015 14:22:25 -0400
Subject: [BoatAnchors] Drying Out an Open Frame, Large Power Transformer.
In-Reply-To: <97A74E5867F9426F9F34179AC510E1@DaddyPC>
Message-ID: <20150508182225.ATS8L.25729.root@cdptpa-web26>

David, several things you can do, but a few preliminary tests before you go to extended drying methods. 1st check for shorts and resistance of windings, I would not hi-pot test it just yet. Several methods of drying I have used with good success. If you have an oven that you can set to about 180 deg F. would be nice. About 24 hours will cook out a lot of moisture. Then let it cool. There are no guarantees it will be good. Old trannys used paper insulators in the windings. Stored in a damp place they will take on moisture and get moldy. These will sometimes short. Now, after a reasonable cooling period, do a hi-pot test. If good, you are ready to start some voltage testing. I like to run them up on a variac. Good luck and have fun. 73s Russ.

----- David Stinson via BoatAnchors <boatanchors at theporch.com> wrote:

> This has probably been discussed before,
> but I can't find the threads.
> I have a large open-frame power transformer removed

> from a transmitter stored in a damp basement for years.
> People who store radios in damp basements
> should be moderately tortured.... slowly....
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> I'd like to dry it out and test it before reinstalling it.
> I've heard of a box with a heat lamp, putting 4 or 5 volts
> on the primary and shorting all the secondaries to gently
> heat it up from inside, etc.
> What are the recommendations for this?
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From arc5 at ix.netcom.com Sat May 9 09:46:21 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Sat, 9 May 2015 08:46:21 -0500
Subject: [BoatAnchors] Drying Out an Open Frame, Large Power Transformer.
Message-ID: <3198EDF1517C442A941199A0A97CED62@DaddyPC>

Thanks to all for the suggestions on drying this transformer.
Will do some leakage measurements and see where we go.
73 Dave S.

From K8MFO at aol.com Sun May 10 17:25:22 2015
From: K8MFO at aol.com (K8MFO at aol.com)
Date: Sun, 10 May 2015 17:25:22 -0400
Subject: [BoatAnchors] Pair of 4-400 RF Deck at Dayton
Message-ID: <12db20.9f98ace.428126c2@aol.com>

I am bringing a well constructed 4-400 RF deck to the Hamvention next week. IT comes from the estate of a master craftsman, who held some patents for an electronic organ. He was licensed at age 12, and still operating at age 92, shortly before he became a silent key.

There is no power supply ... I would have had to tear apart a closet in order to retrieve it! The house had already been sold, and that was not an option,. The RF deck itself was built into the silent key's dining room wall.

Anyway, the amp has TWO 4-400 tubes and was constructed as a 160/80 meter amplifier. You could turn it into anything you like. There is a vacuum variable, and everything you would expect in an RF deck.

I will be at Dayton flea market spots 1937 and 1938 for most of Friday and Saturday. Stop by ... better yet, take a nice RF deck home with you.

73

Don K8MFO

From Paul.Thekan at cpii.com Mon May 11 14:19:10 2015
From: Paul.Thekan at cpii.com (Thekan, Paul)
Date: Mon, 11 May 2015 11:19:10 -0700
Subject: [BoatAnchors] Have SX 28 FCC rcvr & DF Loop control box info needed
Message-ID: <7EC59351BB5C644E80AB7A434394DFF02AE0DD24B9@Torreypines.cpii.com>

I acquired a SX 28 FCC receiver and what looks to be the interface/control box for the loop antenna as used in the RID mobile intercept. I have also what I believe to be the Loop antenna as used in the intercept car.

The only info I've been able to find on the WEB , so far , has been what has been posted by the current holder of W3DF.

Can anyone point me to another site or to someone who has more info on the mobile use of the SX 28 FCC ..and what also appears to be a SX 27 FCC that was used.

Thank you
Paul
N6FEG

This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient(s) is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

From k4oah at mindspring.com Wed May 13 12:22:40 2015
From: k4oah at mindspring.com (Garey Barrell)
Date: Wed, 13 May 2015 12:22:40 -0400
Subject: [BoatAnchors] FS: Unique Drake Service Supplement CDs
Message-ID: <55537A50.9050204@mindspring.com>

Here is the information that Drake left out of their manuals!

*** Now available for download! Satisfy your 'Instant Gratification' instincts!

Unique supplemental service information CDs available for the Drake A, B and C
Lines, 2-B, 2-C /
2-NT, TR-4, and TR-4C/Cw/CwRIT.

High resolution color photos of the under chassis and individual PC boards of each
unit, with
all parts identified and keyed to a parts list make it easy to locate any
component. No more
trying to trace wires through bundles, etc. This information is not available
elsewhere and
really makes a difference in servicing these units.

These CDs are not JUST scans of the original manuals that were included with the
equipment when
new. High resolution scans of the original manuals ARE on the CDs, along with
scans of manuals
for associated equipment such as the C-4, FS-4, MN2000, L-4B, W-4, etc.

Samples of these pages (at reduced resolution) and purchase information are at
<www.k4oah.com>.

--

73, Garey - K40AH
Rome, GA

From tony at bright.net Thu May 14 11:20:17 2015
From: tony at bright.net (Tony Schroeder)
Date: Thu, 14 May 2015 11:20:17 -0400
Subject: [BoatAnchors] Free Boatanchor Stuff at Dayton (plus one HR05 for
sale)
Message-ID: <94BC2714927C4062AB0D17BBE36AB690@TONY>

Hi Gang,

I'll be bringing a couple of boxes of boatanchor parts and a sizeable box of tubes
to Dayton tomorrow. These are all free for the hauling! I'll be manning my table
at spot 2738 in the Flea Market, unless it hails again this year, in which case
I'll be in my SUV in spot 2738. :)

I'll also have a nice National HR05 available, cheap.

Stop by and enjoy a pretzel.

73,

Tony W8HR0

From navy.radio at gmail.com Sun May 17 19:20:30 2015
From: navy.radio at gmail.com (Nick England)
Date: Sun, 17 May 2015 19:20:30 -0400
Subject: [BoatAnchors] Dayton & Fair Radio photos
Message-ID: <CAB55hNeaNp56EufupP1EEpppnKUzUwpm_mH6DoE-HfMT44TLQA@mail.gmail.com>

Dayton & Fair Radio photos
<http://www.virhistory.com/ham/fair-15.htm>
<http://www.virhistory.com/ham/dayton-15.htm>

cheers,
Nick England K4NYW
www.navy-radio.com

From wb3fau55 at neo.rr.com Mon May 18 19:20:28 2015
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)
Date: Mon, 18 May 2015 19:20:28 -0400
Subject: [BoatAnchors] Fair/Dayton
Message-ID: <20150518232028.ZPCPZ.184071.root@cdptpa-web26>

Nice work Nick!

From johnmb at nc.rr.com Mon May 18 20:16:59 2015
From: johnmb at nc.rr.com (john)
Date: Mon, 18 May 2015 20:16:59 -0400
Subject: [BoatAnchors] Fair/Dayton
In-Reply-To: <20150518232028.ZPCPZ.184071.root@cdptpa-web26>
References: <20150518232028.ZPCPZ.184071.root@cdptpa-web26>
Message-ID: <6.2.1.2.2.20150518201604.05041590@pop-server.nc.rr.com>

>Great post Nick. Man that's a great looking Sargent RX ya got there!

Thanks for taking the time to share the event via your pix.

John K5M0

III

This email is free from viruses and malware because avast! Antivirus protection is active.

<http://www.avast.com>

From landn2 at frontier.com Tue May 19 01:33:49 2015

From: landn2 at frontier.com (Liles and Naomi Garcia)

Date: Mon, 18 May 2015 22:33:49 -0700

Subject: [BoatAnchors] Many, Many Thanks For The Dayton and Fair Pictures!!

Message-ID: <OBEDKFDGHEPDGADPPEHFAEIDFDAA.landn2@frontier.com>

Good evening Everybody,

Just a short note to send Many, Many Thanks!! to Nick for the Fair Radio and Dayton pictures!!

Everybody have a great week!!

Best Regards From Aloha, Oregon,

Liles Garcia

landn2 at frontier.com

From jerry7proc at yahoo.com Tue May 19 15:50:22 2015

From: jerry7proc at yahoo.com (Jerry Proc)

Date: Tue, 19 May 2015 19:50:22 +0000 (UTC)

Subject: [BoatAnchors] Radio Museum of Quebec - Sale of Collection

Message-ID: <1118669525.2109516.1432065022440.JavaMail.yahoo@mail.yahoo.com>

HelloEveryone,

?

TheRadio Museum of Quebec, which closed its doors a while back, is in the finalphases of dispersing their radio collection. Now that Museums have had firstpick, the doors are now open to the general public and the balance of thecollection is now for sale..

?

DETAILS

?

Where:

SORELSHOPPING CENTER

450BOULEVARD POLIQUIN

SOREL-TRACY, QUEBEC

?

GO TO P-5 (REAR OF SHOPPING CENTER) and park...

WAREHOUSE NO # 65 IS THE LEFT DOOR ENTRY 6th P-5

?

When:

DOORS OPEN MAY 31 11:30 am

Local pickup - no shipping.

?

The doors will remain open based on the amount of traffic in late afternoon on May 31.

To see what's available, there is a small sampling of amateur radio nostalgia at: <http://jproc.ca/temp1/>

?

Some devices appearing in the photos are already sold or reserved. Do not be disappointed to find out that the equipment is no longer available for sale. It's all on a first come, first served basis. The good news is that as of May 17, there are still 25 pallets of equipment which need to be staged and sold.

?

In case there is insufficient time to stage the remaining 25 pallets, there will be another OPEN DOOR sale later on. ?

?

If any questions arise, please contact Jacques Hamel. His E-mail is: museeradio@videotron.ca

Please pass on this e-mail to any interested parties.?

?--

Regards,

Jerry Proc

E-mail: jerry7proc at yahoo.com

From ebjr37 at charter.net Wed May 27 20:35:25 2015

From: ebjr37 at charter.net (Sandy)

Date: Wed, 27 May 2015 19:35:25 -0500

Subject: [BoatAnchors] Military whip ID?

Message-ID: <556662CD.2010508@charter.net>

Looking for specs on an "AN-29-C" mfd. by: "Ward"?

nice collapsable long whip.

Sandy W5TVW

From WA5CAB at cs.com Thu May 28 01:01:34 2015

From: WA5CAB at cs.com (WA5CAB at cs.com)

Date: Thu, 28 May 2015 01:01:34 -0400

Subject: [BoatAnchors] Military whip ID?

Message-ID: <1d0c9b.62a54cb7.4297fb2e@cs.com>

AN-29-C is the standard pack-set antenna for the BC-659 as part of SCR-609.
That's the only application that I know of.

Not to be confused with AN-29 or AN-29-B which are NOT interchangeable with it.

In a message dated 05/27/2015 19:36:16 PM Central Daylight Time,
boatanchors at theporch.com writes:

> Looking for specs on an "AN-29-C" mfd. by: "Ward"?

>

> nice collapsable long whip.

>

> Sandy W5TVW

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

From WA5CAB at cs.com Thu May 28 15:28:09 2015

From: WA5CAB at cs.com (WA5CAB at cs.com)

Date: Thu, 28 May 2015 15:28:09 -0400

Subject: [BoatAnchors] Military whip ID?

Message-ID: <9391b.a9e602a.4298c649@cs.com>

The stud on the AN-29-C is 3/8"-16 x 7/16" (exposed). For reference, the studs on the sorta similar AN-29 and AN-29-B are 1/4"-20.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 05/28/2015 11:42:46 AM Central Daylight Time, ebjr37 at charter.net writes:
> What was supposed to be the thread diameter and pitch on the stud? Looks
> like someone ran it into a different die pitch?
>
> Sandy W5TVW
>
> On 5/28/2015 12:01 AM, WA5CAB at cs.com wrote:
>
> >> AN-29-C is the standard pack-set antenna for the BC-659 as part of
>> SCR-609. That's the only application that I know of.
>>
>> Not to be confused with AN-29 or AN-29-B which are NOT interchangeable
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>> In a message dated 05/27/2015 19:36:16 PM Central Daylight Time,
>> boatanchors at theporch.com writes:
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>>>
>>> nice collapsable long whip.
>>>
>>> Sandy W5TVW
>>
>

From kd5byb at kd5byb.net Sat May 30 09:27:57 2015
From: kd5byb at kd5byb.net (Ben Hall)
Date: Sat, 30 May 2015 08:27:57 -0500
Subject: [BoatAnchors] National Radio Institute Model 34 Signal Tracer
In-Reply-To: <556662CD.2010508@charter.net>
References: <556662CD.2010508@charter.net>
Message-ID: <5569BADD.6050208@kd5byb.net>

Good morning all,

A couple of months ago I went out to Courtland Alabama (about an hour west of my QTH) to assist a gentleman with the cleaning out of the shop of a former radio repairman.

Courtland is a neat place. It is a small town, but fairly old with a lot of history. (IE: The Red Rovers. A volunteer military company was organized at Courtland in 1835 to aid Texas in its struggle for independence. Many were captured and massacred by Santa Anna at Goliad.) Courtland Airport was once Courtland Army Airfield (CAAF), a training base early in WWII for teaching basic flight instruction.

It appears that the radio repairman had been in the business from WWII to the 1960's and there were all sorts of neat stuff, including a small selection of SCR-183 gear, undoubtedly from the training aircraft at CAAF.

I've never owned a signal tracer, so I brought home a pair of National Radio Institute Model 34 Signal Tracers among other things. A good write-up on a very similar model 33 can be found here:

<<http://www.ohio.edu/people/poslr/bapix/nripro33.htm>>

The model 34 looks identical, but has a different tube line-up.

Model 33: 6SK7, 6SK7, 6SQ7, 6K6, 6E5, 5Y3

Model 34: 6BE6, 6BE6, 6SQ7, 6K6, 6E5, 5Y3

Seems like the model 34 was an update to the model 33, only changing the RF tubes for 6BE6's vice 6SK7.

I'm still trying to figure out if this was sold as a kit. Build quality is kind of mediocre in both of my units, as are the quality of the components used. I'm sure NRI designed it to meet a specific price target.

The unit required almost a total re-build - almost all of the resistors had drifted more than 20%, the filter caps were shot, all of the wax-paper caps were leaky, and the power cord plus the test probe leads were all hard.

Interestingly, dial calibration is dead-on. I've not tweaked the alignment, not sure I need to, so I'll probably leave it alone. ;)

Looks like it will be a nice unit to support troubleshooting as needed.

Earlier, I was listening to WVNN, one of the stronger AM stations here, using nothing but a short piece of wire on the RF probe. ;)

thanks much,
ben

From kd5byb at gmail.com Sat May 30 09:34:47 2015
From: kd5byb at gmail.com (Ben Hall)

Date: Sat, 30 May 2015 08:34:47 -0500
Subject: [BoatAnchors] National Radio Institute Model 34 Signal Tracer
In-Reply-To: <5569BADD.6050208@kd5byb.net>
References: <556662CD.2010508@charter.net> <5569BADD.6050208@kd5byb.net>
Message-ID: <5569BC77.3000302@gmail.com>

On 5/30/2015 8:27 AM, Ben Hall via BoatAnchors wrote:

> Model 33: 6SK7, 6SK7, 6SQ7, 6K6, 6E5, 5Y3
> Model 34: 6BE6, 6BE6, 6SQ7, 6K6, 6E5, 5Y3

Ooops, made two typos above. Both 6BE6 should be 6BA6.

thanks and 73,
ben, kd5byb

From wb3fau55 at neo.rr.com Sat May 30 10:00:50 2015
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)
Date: Sat, 30 May 2015 10:00:50 -0400
Subject: [BoatAnchors] National Radio Institute Model 34 Signal Tracer
In-Reply-To: <5569BADD.6050208@kd5byb.net>
Message-ID: <20150530140050.HZV4Y.317915.root@cdptpa-web21>

Ben, NRI was a training school done mostly by mail, there was a whole set of gear that went with the program. You assembled the test gear from kits of parts. A very popular training program, as there was a big shortage of TV/radio repair men at the time. 73 Russ.

----- Ben Hall via BoatAnchors <boatanchors at theporch.com> wrote:

> Good morning all,
>
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> west of my QTH) to assist a gentleman with the cleaning out of the shop
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> independence. Many were captured and massacred by Santa Anna at
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> using nothing but a short piece of wire on the RF probe. ;)
>
> thanks much,
> ben
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From hankvc at lostwells.net Sun May 31 12:29:45 2015
From: hankvc at lostwells.net (Hank VC)
Date: Sun, 31 May 2015 10:29:45 -0600 (MDT)
Subject: [BoatAnchors] National Radio Institute Model 34 Signal Tracer
In-Reply-To: <5569BADD.6050208@kd5byb.net>
Message-ID: <201505311629.t4VGTjCN009916@gold.lostwells.org>

The esteemed Ben Hall via BoatAnchors has said:

>
> Good morning all,
>

> A couple of months ago I went out to Courtland Alabama (about an hour
> west of my QTH) to assist a gentleman with the cleaning out of the shop
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>
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> The model 34 looks identical, but has a different tube line-up.
>
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> Model 34: 6BA6, 6BA6, 6SQ7, 6K6, 6E5, 5Y3
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> The unit required almost a total re-build - almost all of the resistors
> had drifted more than 20%, the filter caps were shot, all of the
> wax-paper caps were leaky, and the power cord plus the test probe leads
> were all hard.

Ah yes, the venerable Signal Tracer. One of those was a "must have"
device for radio repairmen in the 1940-60 era. What's inside, as you
can see, is essentially a TRF radio with an additional AF jack a la
"phonograph input" in production radios. With one, a relatively
unskilled technician could probe through a radio and use his hearing to
find out what was going on inside the signal chain. And, once the tech
developed some skill at using one, it was the "go to" instrument for a
radio that still didn't play after making sure all the tubes were
functional and some quick checks with a 1000 ohms/volt multimeter for B+
and a few other key points. Keep in mind that oscilloscopes didn't make
their appearance until the late 1930's, and were very limited in
vertical bandpass and horizontal sweep capability, along with being very
expensive and failure-prone. I'd say that the Tek 531 with 53/54K (the
minimum configuration) of 1953 was about the first scope that was really
good for radio/tv servicing, and at \$1500, unaffordable to most
repairmen. Add to that the skill needed to use one was effectively was
another downer---I still remember my first reaction to the forest of

knobs on a Tek 511 when I first saw one ca. 1950.

As to the provenance of NRI test equipment, they were part of a correspondence training course sold to people who started at ground zero to learn radio servicing. The equipment was sent as kits to the trainee, who would build them and learn to use them as a part of the course. As such, most of them were novice-built. As to the "built to price" question, the mechanicals are probably on a par with most of the pre-built test equipment marketed to repair shops and hams in the ca. 1950 era. Passive components were taken from the home entertainment supply stream, same as Hallicrafters was using for their radios.

In the late 1940's, most designs that used the 6-volt equivalents of the AA5 tubes were built with octals or the equivalent 7-pin miniatures more-or-less interchangeably. So 6BA6's in place of 6SK7's in the design is pretty much plug-and-play with a socket/wiring change.

That's a real "period piece." But, rebuilt with modern components, it's still a good basic trouble-shooting tool.

Hank

From gumbear at pacbell.net Sun May 31 14:50:48 2015

From: gumbear at pacbell.net (Arden Allen)

Date: Sun, 31 May 2015 11:50:48 -0700

Subject: [BoatAnchors] National Radio Institute Model 34 Signal Tracer

In-Reply-To: <5569BADD.6050208@kd5byb.net>

References: <556662CD.2010508@charter.net> <5569BADD.6050208@kd5byb.net>

Message-ID: <78C7BBFD5762491E89EBD24532770B6C@KB6NAX>

>I've never owned a signal tracer, so I brought home a pair of

> National

Radio Institute Model 34 Signal Tracers among other things

That brought back some memories, Ben. How many times I looked at the NRI adds in Popular Electronics and other mags and decided NRI was beyond my budget. But one day down stream I encountered a signal tracer and tried putting it to work. It probably was an Eico or some such, I don't remember the make. After one day of toying with the instrument I concluded that signal tracers were not as practical as one would be lead to believe by the adds. Some time previous to that experience I bought a Precision signal generator (I still have it). With one RF oscillator and one audio oscillator the Precision was as basic as it gets in test equipment. I found that ***signal injection*** worked for trouble shooting radios. I greatly appreciated the Precision for what it did to help me build my skills. So when I played with the signal tracer I rapidly concluded that I could well

do without one and I never owned or wanted to own a signal tracer since!
....Yeah, I'm a spoil sport.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From spr at earthlink.net Sun May 31 15:54:14 2015
From: spr at earthlink.net (Scott Robinson)
Date: Sun, 31 May 2015 12:54:14 -0700
Subject: [BoatAnchors] National Radio Institute Model 34 Signal Tracer
In-Reply-To: <78C7BBFD5762491E89EBD24532770B6C@KB6NAX>
References: <556662CD.2010508@charter.net> <5569BADD.6050208@kd5byb.net>
<78C7BBFD5762491E89EBD24532770B6C@KB6NAX>
Message-ID: <556B66E6.8080106@earthlink.net>

Hi Arden,

I agree with you about signal tracing vs signal injection. Signal injection is also how I measure the gain of RF or IF stages, now that I have a generator with calibrated output. It avoids the whole issue that the measuring instrument de-tunes the circuit, reducing the gain.

Gain measurements like this are useful when things are working, but not well.

Peace,

Scott

On 5/31/15 11:50 AM, Arden Allen via BoatAnchors wrote:
>>I've never owned a signal tracer, so I brought home a pair of
>> National
> Radio Institute Model 34 Signal Tracers among other things
>
> That brought back some memories, Ben. How many times I looked at the
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> Arden Allen

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> ?Immanuel Kant

>

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> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>